

RESOLUTION CONVERSION METHOD AND PIXEL DATA PROCESSING  
CIRCUIT FOR SINGLE-PLATE-TYPE COLOR-IMAGE SENSOR

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ABSTRACT OF THE DISCLOSURE

10       A resolution conversion method and a pixel data  
processing circuit for a single-plate type color image  
sensor has been disclosed, in which resolution conversion  
processing and simultaneous processing can be performed  
with a simple configuration, an image of high sharpness  
can be obtained without degradation of resolution, and  
15       the pixel positions of respective colors coincide with  
each other. Resolution conversion processing that  
converts color data of each pixel output from a single-  
plate-type color-image sensor into data of a  
predetermined resolution and simultaneous processing that  
20       processes the color data so that the pixel positions of  
respective colors coincide with each other are performed  
simultaneously in the same circuit.